

**UTILITY PATENT APPLICATION
TRANSMITTAL UNDER 37 CFR 1.53(b)**

ATTORNEY DOCKET 78685F-P

To: Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

Express Mail Label No.

EM365154137US

Date: December 17, 1998

**SYSTEM FOR DISPLAYING, STORING AND
RETRIEVING IMAGES**

First Named Inventor (or Application Identifier):

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Enclosed are:

1. ☒ Specification
2. ☐ 5 Sheet(s) of drawing(s)
3. ☐ Information Disclosure Statement Under 37 CFR 1.97.
4. Combined Declaration for Patent Application and Power of Attorney:
 - 4a. ☒ New
 - 4b. ☐ Copy from a prior application (37 CFR 1.63(d) (for continuation/divisional with Box 11 completed)
5. ☐ Incorporation by Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☒ Assignment of the invention to **Eastman Kodak Company**
7. ☐ Certified copy of a priority
8. ☐ Associate Power of Attorney

9. ☐ Deletion of Inventor(s).
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

10. ☐ If a 111A application prior to examination of the above-identified application, amend the specification at Page 1, after the title, by inserting the following:
--CROSS REFERENCE TO RELATED APPLICATION
Reference is made to and priority claimed from U.S. Provisional Application Serial No. , filed , entitled .

If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

11. ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. ,
12. ☒ Please address all written communications to Milton S. Sales, Patent Legal Staff, Eastman Kodak Company, 343 State Street, Rochester, NY 14650-2201.
Please Direct all telephone calls to Frank Pincelli at (716) 726-1111.

The filing fee has been calculated as shown below:

FOR:	NO. FILED	NO. EXTRA	RATE	FEE
BASIC FEE				\$ 790
TOTAL CLAIMS	63	- 20 =	43	x 22 = \$ 946
INDEPENDENT CLAIMS	6	- 3 =	3	x 82 = \$ 246
MULTIPLE DEPENDENT CLAIM PRESENTED			+ 270	\$0
			TOTAL	\$ 1982

- ☒ Please charge my Eastman Kodak Company Deposit Account No. **05-0225** in the amount of **\$ 1982 .**

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ORIGINAL

Application Based on

Docket **78685F-P**

Inventors: John R. Fredlund, Joseph A. Manico and Richard G. Mackson

**SYSTEM FOR DISPLAYING, STORING AND RETRIEVING
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SYSTEM FOR DISPLAYING, STORING AND RETRIEVING IMAGES

FIELD OF THE INVENTION

The present invention is directed to the field of storing and displaying print images, for identifying the source from which the images
5 originated, and for storing the source of the original image.

BACKGROUND OF THE INVENTION

Typically, consumers receive individual photographic prints from photofinishers and the film negative from which the prints were made. The film negatives may be provided in cut strips loosely with the prints, or may be provided
10 in a film cassette having a cartridge ID if the prints were obtained from APS film (Advanced Photographic System, recently introduced). The loosely provided prints tend to make it difficult for the owners to store or view the prints. When prints provided from APS film are returned to the customer, index prints are also provided. The index print allows the identifying and locating of particular images
15 returned in the APS film cartridge. This, of course, provides an added print at added cost to the photofinisher.

In U.S. Serial No. 08/455,770, filed May 31, 1995, entitled "Dual Sides Photographic Album Leaf and Method of Making," there is disclosed providing to the customer one or more album leaves containing the images on the
20 roll of film. These leaves may be used to provide all of the service prints present on the negative filmstrip. However, it is difficult to relate the images on the album page to the individual negatives from the roll of film from which it originated. The customer must first sort through the separate index prints returned to the customer, which may not be conveniently located.

25 Applicants have invented an improved album page and system for displaying, storing and retrieving of images which overcomes many of the storing, displaying and retrieving problems of the prior art.

SUMMARY OF THE INVENTION

The present invention is directed to overcoming one or more of the
30 problems set forth above. According to one aspect of the present invention, there is provided an album leaf having a first side and a second side, the first side

having a plurality of images formed thereon, and a first icon for identifying a first source from which at least one of the plurality of images originated.

In accordance with another aspect of the present invention there is provided a system for displaying, storing and retrieving images, comprising:

5 an album leaf having a first side and a second side, the first side having a plurality of images formed thereon, and a first icon for identifying a first source from which at least one of the plurality of images originated; and

 a binder for containing a plurality of the album leaves, the album having a plurality of retaining means for holding items containing the original
10 source of the images contained in the album leaf.

In accordance with another aspect of the present invention there is provided a system for displaying, storing and retrieving images, comprising:

 an album leaf having a first side and a second side, the first side having a plurality of images formed thereon and an icon for identifying a first
15 source from which the at least one of the plurality of images originated;

 a binder for containing a plurality of the album leaves; and
 a retaining album leaf having a plurality of retaining means for holding items containing the original source of the images contained in the album
leaf.

20 In accordance with yet another aspect of the present invention there is provided a source retaining album leaf for placement in a binder having at least one album leaf placed therein, the album leaf having a first side and a second side, the first side having a plurality of images formed thereon and a first icon for identifying the a first source from which at least one of the plurality of images on
25 the first side originated, the source retaining album leaf having a plurality of retaining means for holding items containing the original source of the images contained in the album leaf.

 In another aspect of the present invention there is provided an image-bearing media having a first side and a second side, the first side having at
30 least one image formed thereon and a first icon for identifying a first source from which at least one image originated.

In still another aspect of the present invention there is provided a system for displaying, storing and retrieving images, comprising:

an image-bearing media having a first side and a second side, the first side having at least one image formed thereon originating from a first source
5 and an icon for identifying the first source of the at least one image; and

a binder for containing a plurality of the album leaves, the album having a plurality of retaining means for holding items containing the original source of the images contained in the album leaf.

The above, and other objects, advantages and novel features of the
10 present invention will become more apparent from the accompanying detailed description thereof when considered in conjunction with the following drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

In the detailed description of the preferred embodiments of the invention presented below, reference is made to the accompanying drawings in
15 which:

Fig. 1 is a front elevational view of an album leaf made in accordance with the present invention;

Fig. 2 is a back elevational view of the album leaf of Fig. 1;

Fig. 3 is a perspective view of a sheet of photographic material
20 illustrating how the album leaf of Figs. 1 and 2 may be formed;

Fig. 4 is a perspective view of a photographic album containing a plurality of album leaves made in accordance with the present invention; and

Fig. 5 is a perspective view of an album leaf for holding a plurality of film cartridges, each containing a strip of photographic film.

DETAILED DESCRIPTION OF THE INVENTION

The present description will be directed in particular to elements forming part of, or in cooperation more directly with, the apparatus in accordance with the present invention. It is understood that elements not specifically shown or described may take various forms well known to those skilled in the art.

Referring to Figs. 1-4, there is illustrated an album leaf 10 made in
30 accordance with the present invention. The leaf 10 includes a first side 12 and a second side 14. The first side 12 includes a plurality of images 15,16,17,18,19 and

the second side includes a plurality of images 21,22,23,24,25. Also provided in the preferred embodiment is a plurality of holes 28 in a margin area 29, which can be used for mounting of the leaf in an album. The width d of margin area 29 may be of any desired size. In the particular embodiment illustrated, the width d is about one inch (2.54 cm).

As can be seen by Figs. 1 and 2, the various size images are composed so as to substantially fill the space on each side 12,14. Also, as illustrated, various combinations and sizes of prints may be placed together. For example, as illustrated in Fig. 1, the images 15,16,18,19 are similar in size and whereas image 17 is of a substantially different size format, such as the C, H, and P formats of the Advanced Photo System. It is to be understood that any desired size images and/or number of images may be provided on either of sides 12,14. The images have been either automatically composed by the printing device, or printed in accordance with customer instructions. This can be done by optical printers such as the Kodak S-Series Printer, which prints multiple images on a single web of photosensitive paper. Alternatively, digital printers, such as the Kodak PCD 600 CRT Printer and the Kodak HLT-7720 Continuous Tone Digital Printer, can be used which allows for free form formatting of the images. It is, of course, understood that other type printers, such as laser, thermal, ink jet, or electrophotographic printers, may be used as desired. In the embodiment illustrated, images 15,16,18,19 each have a size of about 3-1/2 inches x 4-7/8 inches, and image 17 is equivalent to a panoramic-type image, which have a size of approximately 3-1/2 inches x 9-3/4 inches. Likewise, on the second side 14, images 21,22,23,24 are substantially equal size, whereas image 25 is of a substantially greater size.

Referring to Fig. 3, there is illustrated a sheet 30 made of an image-bearing media. In the embodiment illustrated, sheet 30 is a photosensitive material. In particular, the photosensitive material is photographic paper, which has an image forming side 32 and a backside 34. As is typical with photosensitive material, the image forming side 32 includes an emulsion layer 33 upon which an image can be formed. The backside of the material merely provides the supporting substrate for holding of the emulsion layer. The sheet 30 has a thickness t. The thickness t may be any thickness desired. Preferably, the thickness t is minimal so that the album page will not be too thick, yet provide the desired rigidity. Generally the thickness t will be in the range of 0.05 mm to

0.5 mm. In the particular embodiment illustrated, the thickness t is approximately 0.2 mm.

As illustrated in Fig. 3, images 15,16,17,18,19,21,22,23,24,25 have been formed on the image forming side 32 of sheet 30 by an appropriate printer, such as previously described. The images 15,16,17,18,19 have been composed into a first image retaining section 36, whereas images 21,22,23,24,25 have been composed onto a second image retaining section 38. These image retaining sections 36,38 may be sized and configured as desired. Preferably, the image retaining sections 36,38 are designed so as to correspond to the first and second sides 12,14 of leaf 10, respectively. In the preferred embodiment illustrated, a space 43 having a width $d1$ is provided between first and second image retaining sections 36,38. Also, as preferably illustrated, a fold line 40 about which the sheet 30 is folded is provided in space 43. The width $d1$ may be any desired size. In the embodiment illustrated, width $d1$ is about 1.0 inches (2.54 cm). The fold line 40 is preferably located such that the first image section 36 and second image section 38 are substantially co-extensive with each other. As illustrated, lateral edge portions 42,44 are disposed adjacent first and second image sections 36,38, respectively, and placed adjacent each other so as to form the margin area 29 when sheet 30 is folded.

The images sent to the digital printer may be obtained by any desired manner. In the preferred embodiment of the present invention, a digital printer, such as the Kodak PCD-600 CRT Printer, is used so that free form formatting can be easily obtained in accordance with instructions provided by the consumer. The digital data information is representative of the images and can be obtained by scanning original images, either in the form of prints or negatives as is customarily done in the prior art. However, the digital data information may not be limited to images. The digital data information may also contain other information such as text, or the logos, images, etc., which can be added to the scanned data. Also the digital data may be obtained in any desired manner, for example, by computers or other devices which contains digital files such as CDs or from data contained in the magnetics on film. A digital record is formed from the scanned information and any other digital information provided. This digital record is then composed into first and second digital sub-records. The first and second digital sub-records are used to print images in the first and second image retaining sections 36,38, which will correspond to the sides 12,14 of the leaf 10. It is, of course, understood that the images may be composed in any desired manner.

Additionally, any text or other information provided, or manipulation of the data, may be conducted as desired. For example, but not by way of limitation, text, logos, or other images, could be added to the scanned images. Once the appropriate digital records have been formed, printing by the printer can then be performed whereby the images and other text/images present in the digital records are appropriately printed on the photosensitive material. The developed photosensitive material is then taken from the printer where thereafter it is formed into the leaf 10.

Developed photographic material is folded in a manner such that the backsides are brought back against each other and an appropriate adhesive is applied therebetween for securely holding the folded sections together. It is to be understood that the formation of the album leaf may take place in any appropriate manner. U.S. Serial No. 08/455,770, filed May 31, 1995, entitled "Dual Sides Photographic Album Leaf and Method of Making," provides further details by which the leaf may be formed and which hereby is incorporated by reference in its entirety.

As illustrated in Figs. 1 and 2, icons (reference indicia) 50,52,54 are provided for identifying each of the images (15-25) and the source from which the images originate. In particular, referring to icon 50, it comprises a plurality of silhouettes (an outline representation of the edges) of the actual images 15,16,17,18,19 provided on the first side 12. Additionally, the icons may be composed of thumbnail (miniature) image representations of the actual images. In particular, there are provided silhouettes 55,56,57,58,59, each of which refer to the location of its respective images 15,16,17,18,19. In the embodiment illustrated, the source of the images is a filmstrip contained in a film cartridge having a cartridge ID number. The icon 50 includes an origination (source) identification 60 (ID) for identifying the source of the images. In the embodiment illustrated, the origination ID 60 is the film cartridge ID, which contains the film negative from which the images have been made. This information can be obtained by a variety of sources as previously discussed. For example, when a customer order is received by a photofinisher for printing by the photofinisher, the cartridge ID (which represents the origination ID in this case) may be manually entered into the computer controlling scanning and printing, or can be machine read by any appropriate device for reading such number. Thus, the information relating to the origination of the images may be obtained in any manner desired.

In each of the silhouettes 55,56,57,58,59 there is provided an image ID 61. In the embodiment illustrated, the image ID 61 identifies the location of the image on the source, which in the present embodiment is a filmstrip provided within the film cartridge. In the embodiment illustrated, the numeral represents the frame number on the filmstrip and the letters represent the format of the image; PAN represents a Panoramic format, CLS represents a classic format, and HD represents a portrait format. Thus, each of the images can be quickly related to a location on the filmstrip contained within a particular film cartridge from which the images originated and its current format. It is, of course, to be understood that any other identification location system may be provided as desired having any desired number of formats.

Referring to Fig. 2, there is illustrated the second side 14, which has two icons 64,65, each having silhouettes of the images provided on the page. However, since some of the images originated from different sources, each of the icons are associated with a different source. Thus, icon 64 provides a cartridge ID 68 from which the images 21,24 originated, whereas icon 66 includes a cartridge ID 70 from which images 22,23,25 originated. In the particular embodiment illustrated, it can be seen that different icons are provided for identifying different sources. It is, of course, to be understood that various other systems may be utilized for identifying different sources for each of the images. For example, the cartridge ID could be somehow provided in each of the image silhouettes, which correspond to the images on that side of the album leaf.

As previously noted, there are provided a plurality of holes 28 in the margin area 29, which can allow the placement of the album leaf in a loose-leaf binder allowing the individual album leaves to be inserted or removed as desired. It is understood that any other type binder or holder may be used for holding the leaves through the holes 28 or any other binding system may be utilized for holding the leaves.

Referring to Fig. 4, there is illustrated a loose-leaf notebook 72 containing a front cover 74 and a back cover 76 having a plurality of rings 87 for holding of the album containing a plurality of album leaves 10. The rings pass through holes 28 provided in the leaves 10. The back cover 76 contains means for holding a plurality of film cartridges 79, each containing a filmstrip of the images provided in the leaves. In the particular embodiment illustrated, the back cover 76 is provided with a plurality of pockets 84, each designed to hold an individual film cartridge such that the cartridge ID provided on the cartridge will be visible when

that portion of the loose-leaf binder is revealed. Thus, if an individual is viewing the images on the album leaves and is interested in finding the original source reproduction, or for any other purpose, the individual simply opens up to the back and quickly locates the cartridge containing the image of interest.

5 It is, of course, understood that the cartridges are not required to be held in the magazine, but may be provided in a separate container wherein the cartridge IDs may be exposed or somehow otherwise written on a label placed on the back of the container.

10 Referring to Fig. 5, there is illustrated a leaf 80 in notebook 72, identical numerals representing like parts previously discussed, for holding a plurality of film cartridges 79 that may be placed within the notebook 72. The leaf 80 includes a plurality of holes 28, which align with the appropriate rings 78 in the binder 72 and is further provided with a plurality of pockets, each designed to receive a film cartridge. Preferably, the pockets 88 are designed such that the film
15 cartridges 79 may be snapped in and snapped out as desired. This allows the owner of the album to either place the cartridges directly with the images, or if so desired, place them in a separate or different location from the images. Preferably, as illustrated, the pockets 88 are designed so that the cartridge ID 90 would be visible.

20 It is to be understood that the retaining means for holding the cartridges may be in any appropriate manner in the leaf or binder, for example, but not by way of limitation, snaps, use of Velcro™, or any other securing means that allows securing and removing of the film cartridge that is currently available, or may become available.

25 While the image-bearing media in the preferred embodiment illustrated is photographic media, the present invention is not so limited, for example, but not by way of limitation, images formed by laser printers and digital thermal printers can be used to print the images on the image-bearing media.

30 In the particular embodiment illustrated, the source of the image was a filmstrip contained in a film cartridge, however, the present invention is not so limited. For example, but not by way of limitation, the source of the image may be a photo CD, computer disc, or transmitted from a digital memory source such as PC or other digital memory device. Appropriate source ID may be provided for each of the foregoing sources.

The invention has been described in detail with particular reference to certain preferred embodiments thereof, but it will be understood that variations and modifications can be effected within the scope of the invention.

100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

PARTS LIST

10	Album leaf
12	First side
14	Second side
15	Image
16	Image
17	Image
18	Image
19	Image
21	Image
22	Image
23	Image
24	Image
25	Image
28	Holes
29	Margin area
30	Sheet
32	Image forming side
33	Emulsion layer
34	Backside
36	First image retaining section
38	Second image retaining section
40	Fold line
42	Lateral edge portion
43	Space
44	Lateral edge portion
50	Icon
52	Icon
54	Icon
55	Silhouettes
56	Silhouettes

57	Silhouettes
58	Silhouettes
59	Silhouettes
60	Origination identification
61	Image ID
64	Icon
65	Icon
66	Icon
68	Cartridge ID
70	Cartridge ID
72	Loose-leaf notebook
74	Front cover
76	Back cover
78	Rings
79	Film cartridges
80	Leaf
84	Pockets
87	Rings
88	Pockets
90	Cartridge ID

WHAT IS CLAIMED IS:

1. An album leaf having a first side and a second side, said first side having a plurality of images formed thereon, and a first icon for identifying a first source from which at least one of said plurality of images originated.
2. An album leaf according to claim 1 wherein said icon comprises a silhouette of said plurality of images provided on said first side, an image ID, and an origination ID, said image ID and said origination ID being associated with said at least one of said plurality of images, said origination ID indicating said first source and said image ID indicating the location of said image on said first source.
3. An album leaf according to claim 2 wherein said album leaf is provided with a margin area separated from said images, said icon being placed in said margin area.
4. An album leaf according to claim 3 wherein said margin area further includes a plurality of openings for allowing the album leaf to be placed into a binder.
5. An album leaf according to claim 4 wherein said binder is a ring binder.
6. An album leaf according to claim 1 wherein a second icon is provided on said first side for identifying a second source of a second image of said plurality of images originated on said first side, said second source being different from said first source.

7. An album leaf according to claim 1 wherein said second side is also provided with a plurality of images and a second icon for identifying the source from which at least one of said plurality of images on said second side originated.

8. An album leaf according to claim 1 wherein said first source comprises a film cartridge containing a strip of photographic film, said cartridge having an ID.

9. An album leaf according to claim 1 wherein said first source comprises a CD having an ID thereon.

10. An album leaf according to claim 1 wherein said first source comprises a computer disc having an ID thereon.

11. An album leaf according to claim 1 wherein said first source is a memory storage device.

12. An album leaf according to claim 1 wherein said leaf is made of a photographic paper.

13. A system for displaying, storing and retrieving images, comprising:

an album leaf having a first side and a second side, said first side having a plurality of images formed thereon, and a first icon for identifying a first source from which at least one of said plurality of images originated; and

a binder for containing a plurality of said album leaves, said album having a plurality of retaining means for holding items containing the original source of the images contained in said album leaf.

14. A system for displaying, storing and retrieving images according to claim 13 wherein said icon comprises a silhouette of said plurality of images provided on said first side, an image ID, and an origination ID, said image ID and said origination ID being associated with said at least one of said plurality of images, said origination ID indicating said first source and said image ID indicating the location of said image on said first source.

15. A system for displaying, storing and retrieving images according to claim 14 wherein said album leaf is provided with a margin area separated from said images, said icon being placed in said margin area.

16. A system for displaying, storing and retrieving images according to claim 15 wherein said margin area further includes a plurality of openings for allowing the album leaf to be placed into a binder and said retaining means comprises a plurality of pockets.

17. A system according to claim 16 wherein said binder is a ring binder.

18. A system according to claim 13 wherein a second icon is provided on said first side for identifying a second source of a second image of said plurality of images originated on said first side, said second source being different from said first source.

19. A system according to claim 13 wherein said second side is also provided with a plurality of images and a second icon for identifying the source from which at least one of said plurality of images on said second side originated.

20. A system for displaying, storing and retrieving images according to claim 13 wherein said first source comprises a film cartridge containing a strip of photographic film, said cartridge having an ID.

21. A system for displaying, storing and retrieving images according to claim 13 wherein said first source comprises a CD having an ID thereon.

22. A system for displaying, storing and retrieving images according to claim 13 wherein said first source comprises a computer disc having an ID thereon.

23. A system for displaying, storing and retrieving images according to claim 13 wherein said first source is memory storage device.

24. An album leaf according to claim 13 wherein said leaf is made of a photographic paper.

25. A system for displaying, storing and retrieving images, comprising:

an album leaf having a first side and a second side, said first side having a plurality of images formed thereon and an icon for identifying a first source from which said at least one of said plurality of images originated;

a binder for containing a plurality of said album leaves; and

a retaining album leaf having a plurality of retaining means for holding items containing the original source of the images contained in said album leaf.

26. A system for displaying, storing and retrieving images according to claim 25 wherein said icon comprises a silhouette of said plurality of images provided on said first side, an image ID, and an origination ID, said image ID and said origination ID being associated with said at least one of said plurality of images, said origination ID indicating said first source and said image ID indicating the location of said image on said first source.

27. A system for displaying, storing and retrieving images according to claim 26 wherein said album leaf is provided with a margin area separated from said images, said icon being placed in said margin area and said retaining means comprises a plurality of pockets.

28. A system for displaying, storing and retrieving images according to claim 27 wherein said margin area further includes a plurality of openings for allowing the album leaf to be placed into a ring binder.

29. A system for displaying, storing and retrieving images according to claim 25 wherein said second side is also provided with a plurality of images and a second icon for identifying the images on said first side and the first source and/or a second source from which the images originated.

30. A system for displaying, storing and retrieving images according to claim 25 wherein a second icon is provided on said first side for identifying a second source from which at least one of said plurality of images originated, said second source being different from said first source.

31. A system for displaying, storing and retrieving images according to claim 25 wherein said first source comprises a film cartridge containing a strip of photographic film, said cartridge having an ID.

32. A system for displaying, storing and retrieving images according to claim 25 wherein said first source comprises a CD having an ID thereon.

33. A system for displaying, storing and retrieving images according to claim 25 wherein said first source comprises a computer disc having an ID thereon.

34. A system for displaying, storing and retrieving images according to claim 25 wherein said first source is memory storage device.

35. A source retaining album leaf for placement in a binder having at least one album leaf placed therein, said album leaf having a first side and a second side, said first side having a plurality of images formed thereon and a first icon for identifying the a first source from which at least one of said plurality of images on said first side originated, said source retaining album leaf having a plurality of retaining means for holding items containing the original source of the images contained in said album leaf.

36. A source retaining album leaf according to claim 35 wherein said retaining means comprises a plurality of pockets.

37. A source retaining album leaf according to claim 35 wherein said retaining means comprises a plurality of snaps.

38. A source retaining album leaf according to claim 35 wherein said retaining means comprises a plurality of Velcro™ patches.

39. A source retaining album leaf according to claim 35 wherein said retaining means comprises a plurality of hook members.

40. An image-bearing media having a first side and a second side, said first side having at least one image formed thereon and a first icon for identifying a first source from which at least one image originated.

41. An image-bearing media according to claim 40 wherein said icon comprises a silhouette of said plurality of images provided on said first side, an image ID, and an origination ID, said image ID and said origination ID being associated with said at least one of said plurality of images, said origination ID indicating said first source and said image ID indicating the location of said image on said first source.

42. An image-bearing media according to claim 41 wherein said image-bearing media is provided with a margin area separated from said images, said icon being placed in said margin area.

43. An image-bearing media according to claim 42 wherein said margin area further includes a plurality of openings for allowing the album leaf to be placed into a binder.

44. An image-bearing media according to claim 43 wherein said binder is a ring binder.

45. An image-bearing media according to claim 40 wherein a second icon is provided on said first side for identifying a second source of a second image of said plurality of images originated on said first side, said second source being different from said first source.

46. An image-bearing media according to claim 40 wherein said second side is also provided with at least one image and a second icon for identifying the source from which said at least one image on said second side originated.

47. An image-bearing media according to claim 40 wherein said first source comprises a film cartridge containing a strip of photographic film, said cartridge having an ID thereon.

48. An image-bearing media according to claim 40 wherein said first source comprises a CD having an ID thereon.

49. An image-bearing media according to claim 40 wherein said first source comprises a computer disc having an ID thereon.

50. An image-bearing media according to claim 1 wherein said first source is memory storage device.

51. An image-bearing media according to claim 1 wherein said leaf is made of a photographic paper.

52. A system for displaying, storing and retrieving images, comprising:
an image-bearing media having a first side and a second side, said first side having at least one image formed thereon originating from a first source and an icon for identifying the first source of said at least one image; and
a binder for containing a plurality of said album leaves, said album having a plurality of retaining means for holding items containing the original source of the images contained in said album leaf.

53. A system for displaying, storing and retrieving images according to claim 52 wherein said icon comprises a silhouette of said plurality of images provided on said first side, an image ID, and an origination ID, said image ID and said origination ID being associated with said at least one of said plurality of images, said origination ID indicating said first source and said image ID indicating the location of said image on said first source.

54. A system for displaying, storing and retrieving images according to claim 53 wherein said album leaf is provided with a margin area separated from said images, said icon being placed in said margin area.

55. A system for displaying, storing and retrieving images according to claim 54 wherein said margin area further includes a plurality of openings for allowing image-bearing media to be placed into a binder and said retaining means comprises a plurality of pockets.

56. A system according to claim 55 wherein said binder is a ring binder.

57. A system according to claim 52 wherein a second icon is provided on said first side for identifying a second source of a second image of said plurality of images on said first side, said second source being different from said first source.

58. A system according to claim 52 wherein said second side is also provided with a plurality of images and a second icon for identifying the source from which at least one of said plurality of images on said second side originated.

59. A system for displaying, storing and retrieving images according to claim 52 wherein said first source comprises a film cartridge containing a strip of photographic film, said cartridge having an ID.

60. A system for displaying, storing and retrieving images according to claim 52 wherein said first source comprises a CD having an ID thereon.

61. A system for displaying, storing and retrieving images according to claim 52 wherein said first source comprises a computer disc having an ID thereon.

62. A system for displaying, storing and retrieving images according to claim 52 wherein said first source is memory storage device.

63. A system according to claim 52 wherein said image-bearing media is made of a photographic paper.

64. A system according to claim 52 wherein said image-bearing media is made of a photographic paper.

ABSTRACT OF THE DISCLOSURE

An improved album leaf and system for displaying, storing and retrieving images. The album leaf comprises a first side and a second side, the first side having a plurality of images formed thereon, and an icon for identifying the images on the first side and the source from which the images originated. A binder may include a plurality of the album leaves having a plurality of retaining means, for example, pockets for holding items containing the original source from which the images displayed in the album leaf originated. A separate source retaining leaf may be provided having holding means for retaining the original source from which the images displayed on the album leaf originated.

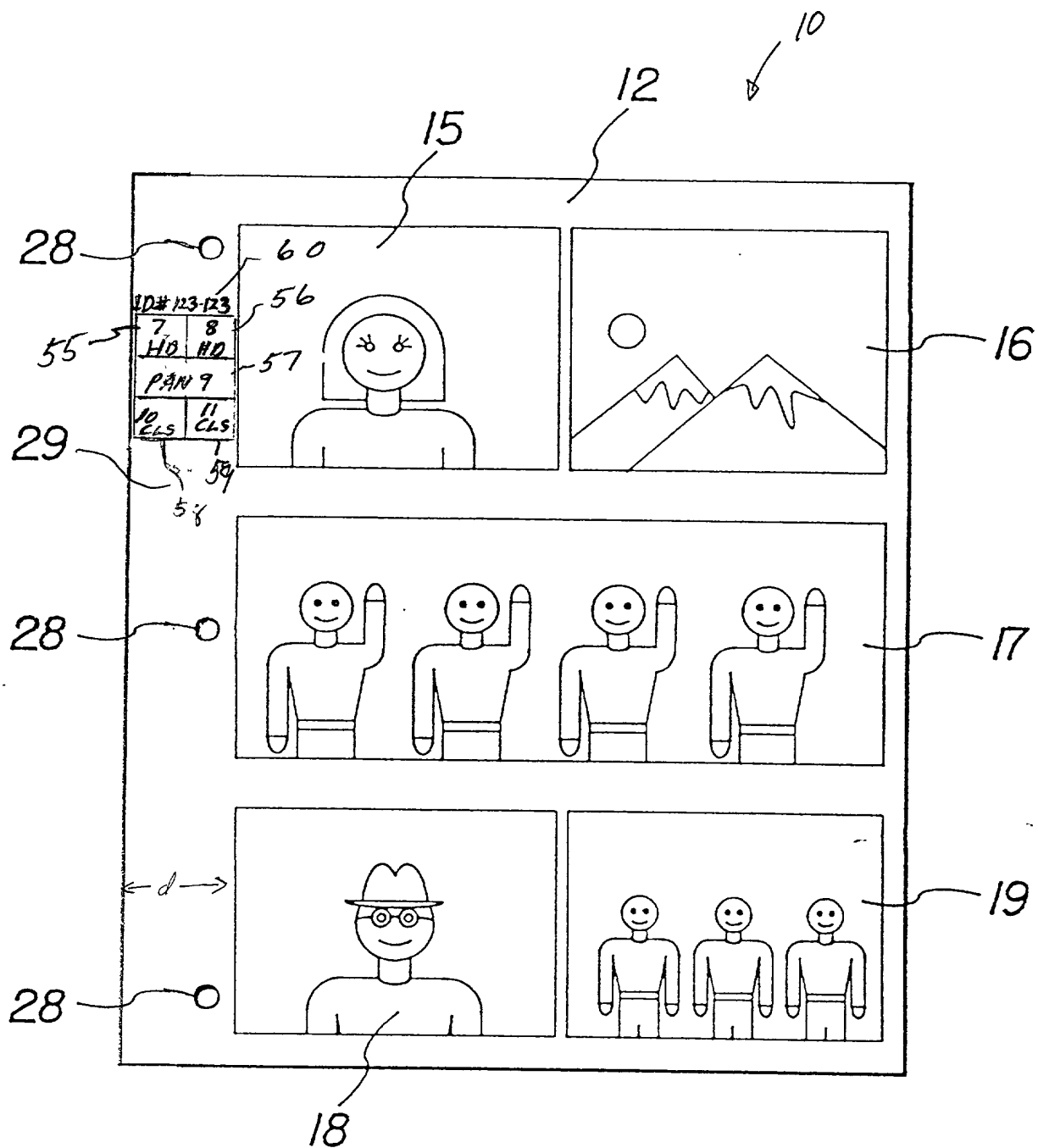


FIG. 1

FIG. 2 is a schematic diagram of a display device 10 showing a grid of images 21, 22, 23, 24, and 25. The display device 10 includes a frame 14 and a control panel 28. The control panel 28 includes a display area 29 and a set of buttons 28. The display area 29 shows a grid of images 21, 22, 23, 24, and 25. The set of buttons 28 includes a button 28 and a button 28. The button 28 is labeled "ID#123-123" and the button 28 is labeled "ID#145-791".

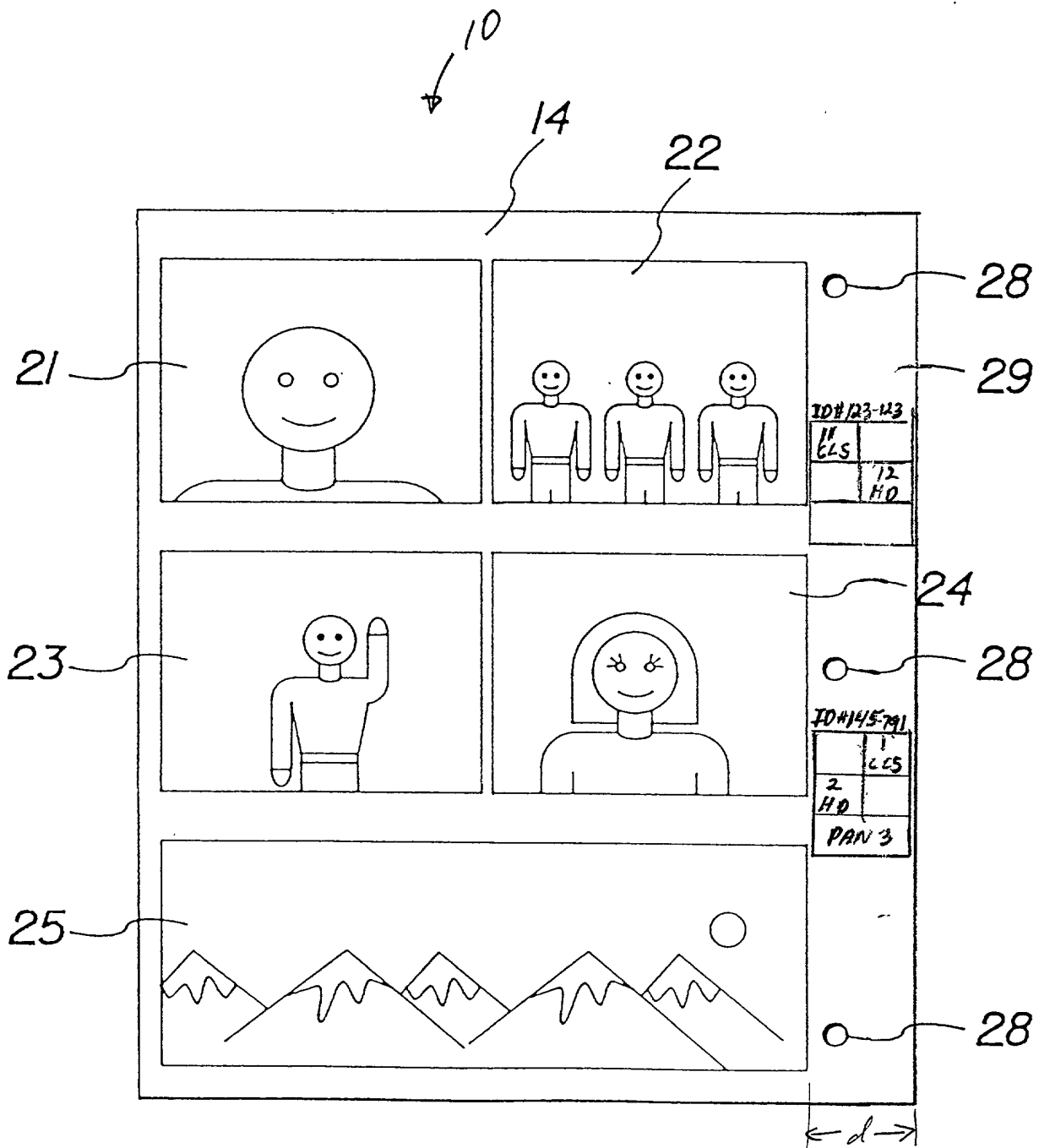


FIG. 2

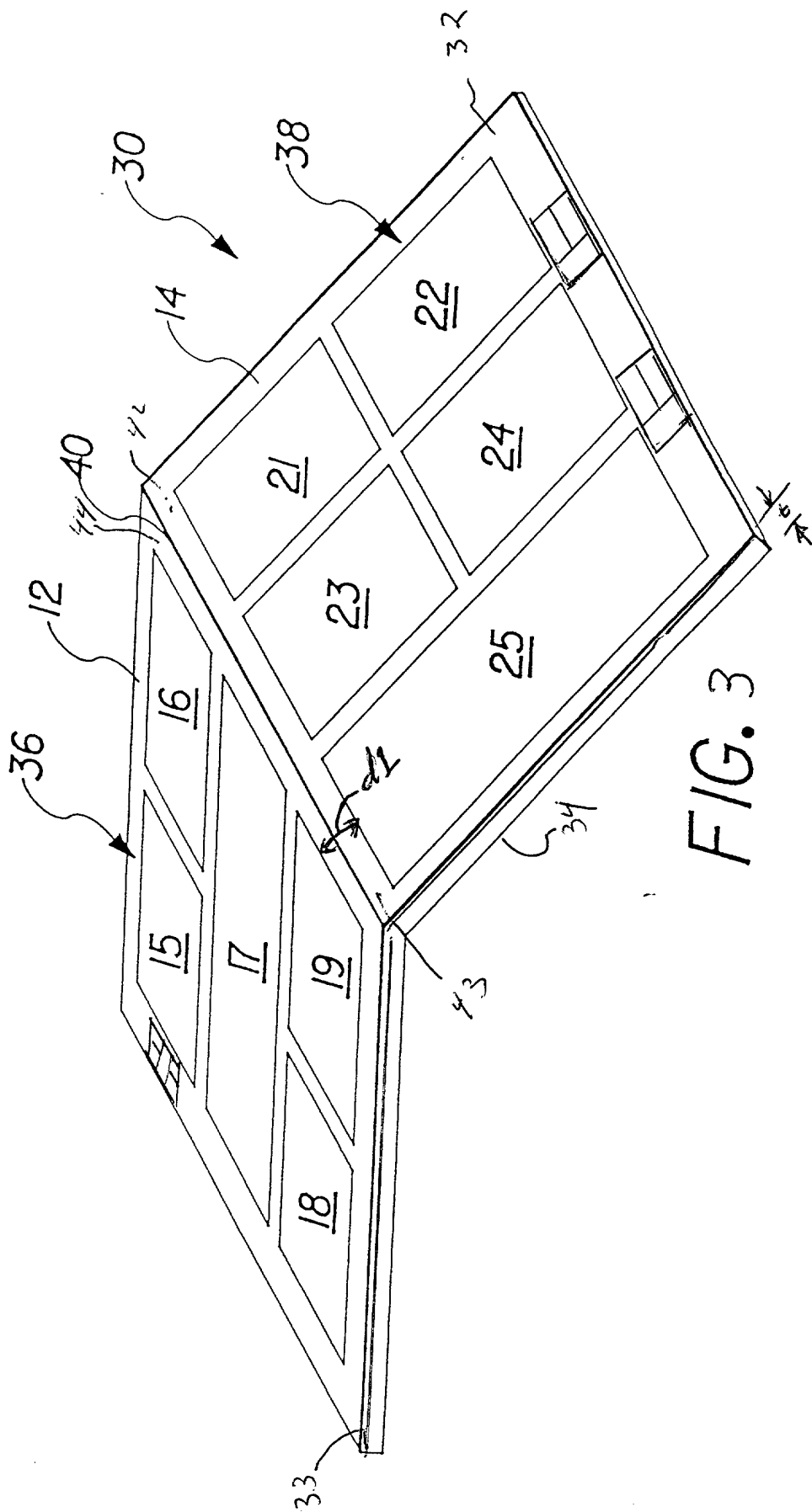
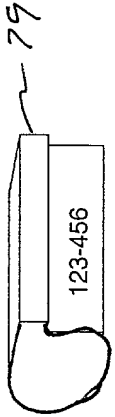


FIG. 4 is a perspective view of the system 10, showing the front panel 12, the display 14, the control panel 16, and the input devices 18.



72

74

87

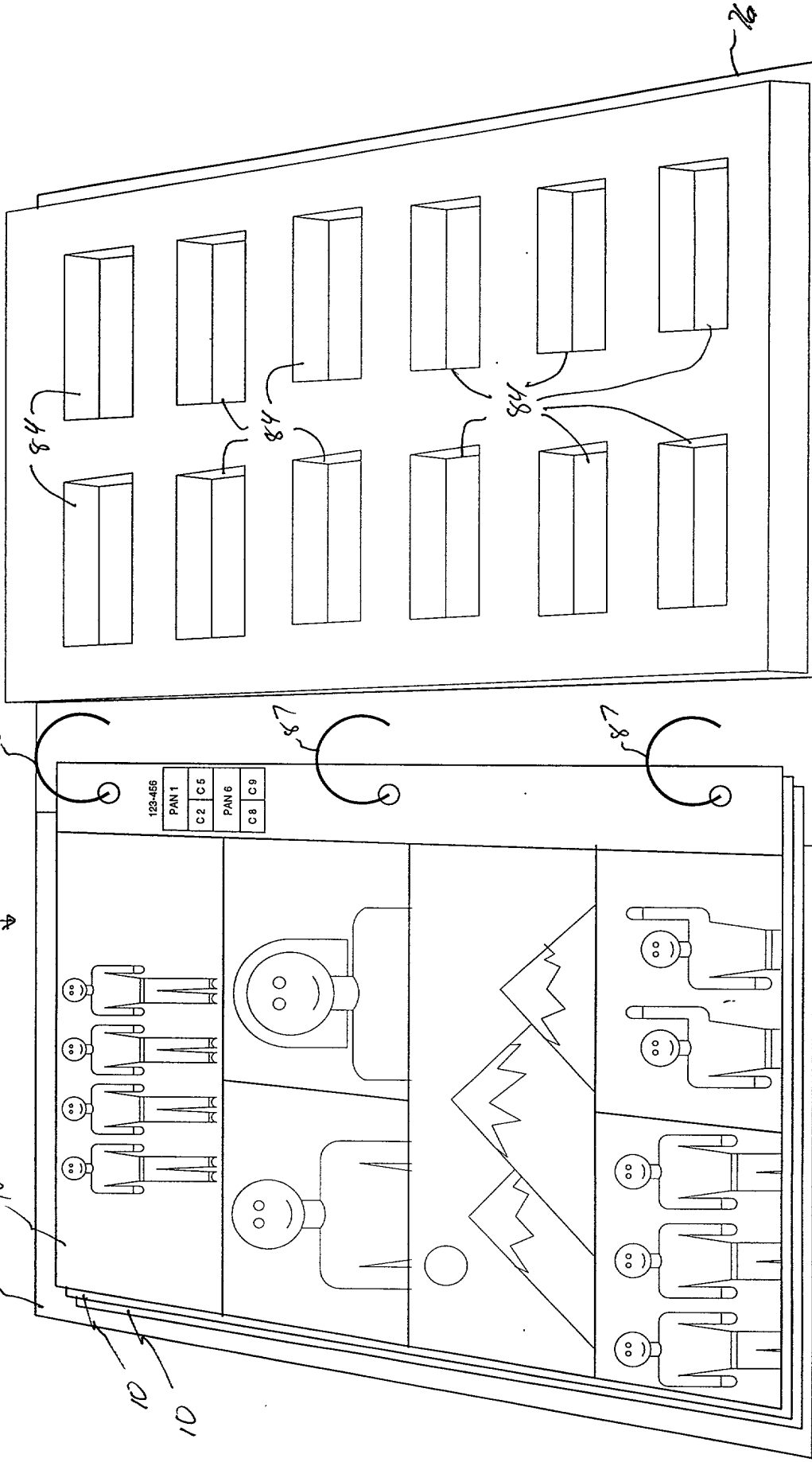


Fig 4

FIG. 5 is a perspective view of the system 10 in a closed position, showing the front panel 74 and the rear panel 76. The front panel 74 is shown in a closed position, and the rear panel 76 is shown in an open position, revealing the internal components. The system 10 is shown in a perspective view, and the components are labeled with reference numerals.

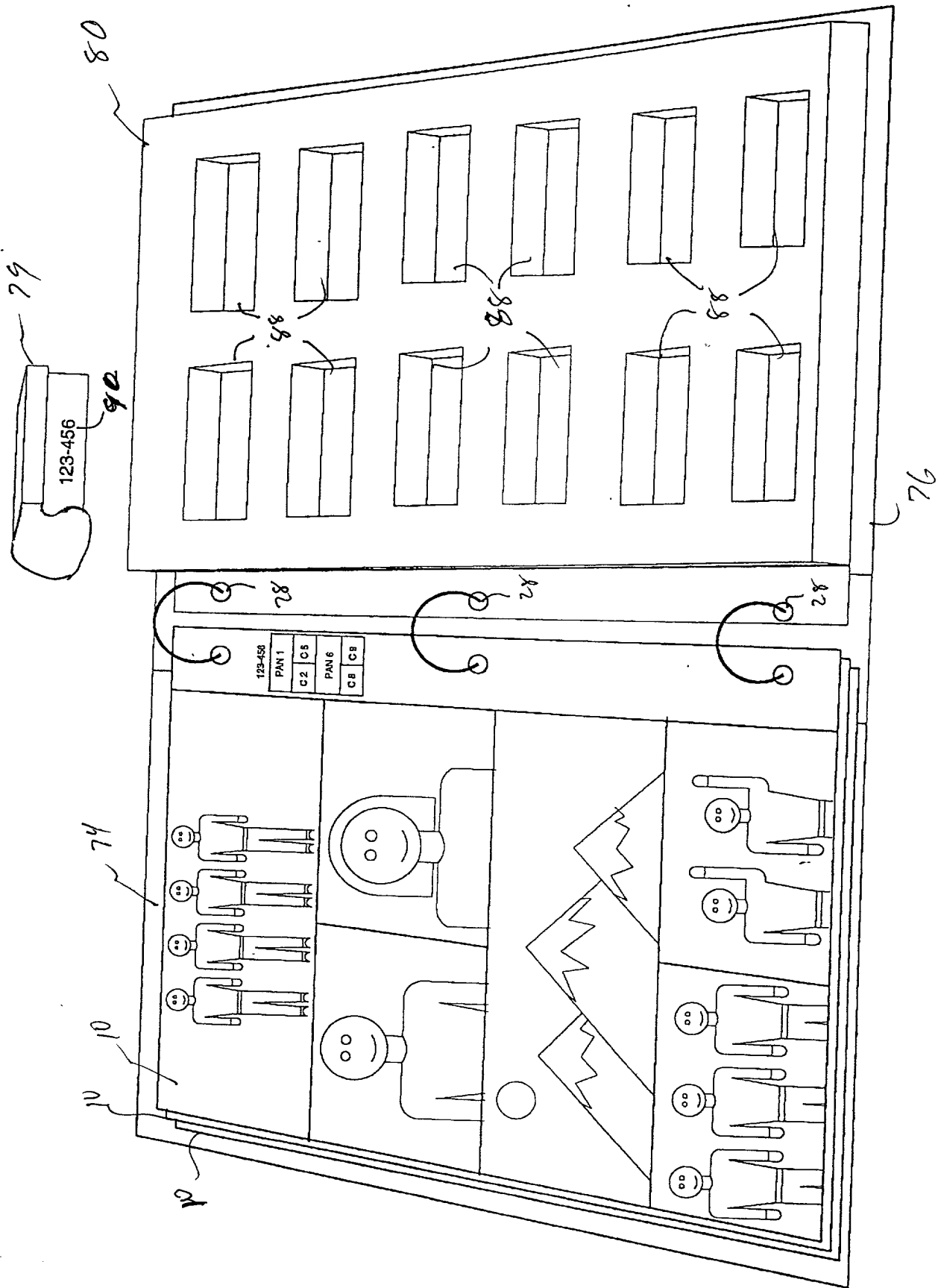


Fig 5

Combined Declaration For Patent Application and Power of Attorney

ATTORNEY DOCKET
78685F-P

As below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SYSTEM FOR DISPLAYING, STORING AND RETRIEVING IMAGES

The specification of which (check only one item below):

☒ is attached hereto.☐ was filed as United States Application Serial No. on and
was amended on (if applicable).☐ was filed as PCT international application Number on and was amended under PCT Article 19 on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent & Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign applications(s) for patent or inventor's certificate or any PCT international application(s) designating a least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

COUNTRY (if PCT, indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day month year)	PRIORITY CLAIMED UNDER 35 USC §119			
			<input type="checkbox"/>	YES	<input type="checkbox"/>	NO
			<input type="checkbox"/>	YES	<input type="checkbox"/>	NO
			<input type="checkbox"/>	YES	<input type="checkbox"/>	NO

I hereby claim the benefit under Title 35, United States Code, 119 §(e) of any United States provisional application(s) listed below:

PRIOR PROVISIONAL APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. §119 (e):

PROVISIONAL APPLICATION NUMBER	FILING DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any prior United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior applications(s) in the manner provided by the first paragraph of Title 35, §112, I acknowledge the duty to disclose to the U.S. Patent & Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations §1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR US APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S FOR BENEFIT UNDER 35USC§120:

U.S. APPLICATIONS			STATUS (Check one)		
U.S. APPLICATION NUMBER	U.S. FILING DATE		PATENTED	PENDING	ABANDONED
PCT APPLICATIONS DESIGNATING THE U.S.					
PCT APPLICATION NO.	PCT FILING DATE	U S SERIAL NUMBERS ASSIGNED (if any)			

Combined Declaration For Patent Application and Power of Attorney (Continued)				ATTORNEY DOCKET 78685F-P
POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (<i>List name and registration number</i>)				
Frank Pincelli, Registration No. 27,370 Thomas H. Close, Registration No. 27,428 J. Lanny Tucker, Registration No. 27,678 Sarah Meeks Roberts, Registration No. 33,447 Arthur H. Rosenstein, Registration No. 24,352 Milton S. Sales, Registration No. 24,516				
Send Correspondence to:				Direct Telephone Calls to: <i>(name and telephone number)</i>
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2 0 4	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	BUSINESS ADDRESS	BUSINESS ADDRESS	CITY	STATE & ZIP CODE (COUNTRY)
2 0 5	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	BUSINESS ADDRESS	BUSINESS ADDRESS	CITY	STATE & ZIP CODE (COUNTRY)
2 0 6	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	BUSINESS ADDRESS	BUSINESS ADDRESS	CITY	STATE & ZIP CODE (COUNTRY)
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.				
SIGNATURE OF INVENTOR 201		SIGNATURE OF INVENTOR 202		SIGNATURE OF INVENTOR 203
DATE		DATE		DATE
16-DEC-98		12/15/98		12/15/98
SIGNATURE OF INVENTOR 204		SIGNATURE OF INVENTOR 205		SIGNATURE OF INVENTOR 206
DATE		DATE		DATE